

FORM PTO-1449 (Modified)			Attorney Docket No.: 15280-368200US		Application No.: 09/508,552	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Applicant: Jay A. Berzofsky et al.			
			Filing Date: March 9, 2000		Group: Unassigned	
Reference Designation AUG 21 2000			U.S. PATENT DOCUMENTS		Page 1	
Examiner Initial	Document	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
AA	4,629,783	12/16/86	Cosand	530	324	
AB	4,943,628	07/24/90	Rosen et al.	530	326	
AC	5,030,449	07/09/91	Berzofsky et al.	424	88	
AD	5,081,226	01/14/92	Berzofsky et al.	530	324	
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
AE	WO 87/07616	12/17/87	PCT	C07K		
AF	0 273 716	12/23/87	EP	C07K		
AG	WO 94/26785	11/24/94	PCT	C07K		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
AH	Ahlers et al., "Construction of an HIV-1 Peptide Vaccine Containing a Multideterminant Helper Peptide Linked to a V3 Loop Peptide 18 Inducing Strong Neutralizing Antibody Responses in Mice of Multiple MHC Haplotypes after Two Immunizations," <u>J. Immunol.</u> 150:5647-5665, 1993					
AI	Ahlers et al., "Candidate HIV Type 1 Multideterminant Cluster Peptide-P18MN Vaccine Constructs Elicit Type 1 Helper T Cells, Cytotoxic T Cells, and Neutralizing Antibody, all Using the Same Adjuvant Immunization," <u>AIDS Res. Hum. Retroviruses</u> 12:259-272, 1996					
AJ	Ahlers et al., "Cytokine-in-Adjuvant Steering of the Immune Response Phenotype to HIV-1 Vaccine Constructs," <u>J. Immunol.</u> 158:3947-3958, 1997					
AK	Ahlers et al., "Enhanced Immunogenicity of HIV-1 Vaccine Construct by Modification of the native Peptide Sequence," <u>Proc. Natl. Acad. Sci. USA</u> 94:10856-10861, 1997					
AL	Belyakov, et al., "Mucosal Immunization with HIV-1 Peptide Vaccine Induces Mucosal and Systemic Cytotoxic T Lymphocytes and Protective Immunity in Mice Against Intrarectal Recombinant HIV-Vaccinia Challenge," <u>Proc. Nat. Acad. Sci.</u> 95:1709-1714, 1998					
AM	Berzofsky et al., "Construction of Peptides Encompassing Multideterminant Clusters of Human Immunodeficiency Virus Envelope to Induce <i>In Vitro</i> T Cell Responses in Mice and Humans of Multiple MHC Types," <u>J. Clinical Invest.</u> 88:876-884, 1991					
AN	Berzofsky and Berkower, "Novel Approaches to Peptide and Engineered Protein Vaccines for HIB Using Defined Epitopes: Advances in 1994-1995," <u>AIDS</u> 1995 9(A):S143-S157, 1995					
AO	Bomsel, M., "Transcytosis of Infectious Human Immunodeficiency Virus Across a Tight Human Epithelial Cell Line Barrier," <u>Nature Medicine</u> 3:42-47, 1997					
AP	Butini et al., "Comparative Analysis of HIV-Specific CTL Activity in Lymphoid Tissue and Peripheral Blood," <u>J. Cellular Biochemistry Abstract Supplement</u> :147, 1994					
AQ	Cranage et al., "Macaques Infected with Live Attenuated SIVmac are Protected Against Superinfection via the Rectal Mucosa," <u>Virology</u> 229:143-154, 1997					
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<div style="text-align: center;"> </div>	AS	di Tommaso et al., "Induction of Antigen-Specific Antibodies in Vaginal Secretions by Using a Non-toxic Mutant of Heat-Labile Enterotoxin as a Mucosal Adjuvant," <u>Infection and Immunity</u> 64:974-979, 1996
	AT	Douce et al., "Intranasal Immunogenicity and Adjuvanticity of site-directed mutant derivatives of cholera toxin," <u>Infection and Immunity</u> 65:2821-2828, 1997
	AT	Gallichan, et al., "Long-Lived Cytotoxic T Lymphocyte Memory in Mucosal Tissues After Mucosal but not Systemic Immunization," <u>J. Exp. Med.</u> 184:1879-1890, 1996
	AU	Graham et al., "Candidate AIDS Vaccines," <u>New England Journal of Medicine</u> 333:1331-1339, 1995
	AV	Hale et al., "T Cell Multideterminant Regions in the Human Immunodeficiency Virus Envelope: Toward Overcoming the Problem of Major Histocompatibility Complex Restriction," <u>International Immunology</u> 1:409-415, 1989
	AW	Haynes, B.F., "Scientific and Social Issues of Human Immunodeficiency Virus Vaccine Development," <u>Science</u> 260:1279-1286, 1993
	AX	Klavinskis et al., "Mucosal or Targeted Lymph Node Immunization of Macaques with a Particulate SIVp27 Protein Elicits Virus-Specific CTL in the Genito-Rectal Mucosa and Draining Lymph Nodes," <u>J. Immunol.</u> 157:2521-2527, 1996
	AY	Kozlowski et al., "Serum Angiotensin-1 Converting Enzyme Activity Processes a Human Immunodeficiency Virus 1 Gp160 Peptide for Presentation by Major Histocompatibility Complex Class I Molecules," <u>J. Exp. Med.</u> 175:1417- 1422, 1992
	AZ	Langermann, S., "New Approaches to Mucosal Immunization," <u>Seminars in Gastrointestinal Disease</u> 7:12-18, 1996
	BA	Lehner, et al., "Protective Mucosal Immunity Elicited by Targeted Iliac Lymph Node Immunization with a Subunit SIV Envelope and Core Vaccine in Macaques," <u>Nature Medicine</u> 2:767-775, 1996
BB	Miller et al., "Genital Mucosal Transmission of Simian Immunodeficiency Virus: Animal Model for Heterosexual Transmission of Human Immunodeficiency Virus," <u>J. Virol.</u> 63:4277-4284, 1989	
BC	Modrow et al., "Computer- Assisted Analysis of Envelope Protein Sequences of Seven Human Immunodeficiency Virus Isolates: Prediction of Antigenic Epitopes in Conserved and Variable Regions," <u>J. Virol.</u> 61:570-578, 1987	
BD	Musey et al., "HIV-1 Induces Cytotoxic T Lymphocytes in the Cervix of Infected Women," <u>J. Exp. Med.</u> 185:293-300, 1997	
BE	Neutra et al., "Antigen Sampling Across Epithelial Barriers and Induction of Mucosal Immune Responses," <u>Annu. Rev. Immunol.</u> 14:275-300, 1996	
BF	Parditos et al., "Antibody Responses to Non-Immunogenic Synthetic Peptides Induced by Co-Immunization with Immunogenic Peptides," <u>Immunology</u> 77:262-266, 1992	
BG	Parditos et al., "Mucosal Immunization with a Measles Virus CTL Epitope Encapsulated in Biodegradable PLG Microparticles," <u>J. Immun. Meth.</u> 195:135-138, 1996	
BH	Parditos et al., "The Adjuvant Effect of a Non-Toxic Mutant of Heat-Labile Enterotoxin of <i>Escherichia Coli</i> for the Induction of Measles Virus-Specific CTL Responses After Intranasal Co-Immunization with a Synthetic Peptide," <u>Immunology</u> 89:483-487, 1996	
BI	Porgador et al., "Intranasal Immunization with CTL Epitope Peptides from HIV-1 or Ovalbumin and the Mucosal Adjuvant Cholera Toxin Induces Peptide-Specific CTLs and Protection Against Tumor Development in Vivo," <u>J. Immunol.</u> 158:834-841, 1997	

EXAMINER	<i>J. Sticker</i>	DATE CONSIDERED	7/17/02
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<input checked="" type="checkbox"/> BJ	Shirai et al., "Broad Recognition of Cytotoxic T Cell Epitopes from the HIV-1 Envelope Protein with Multiple Class I Histocompatibility Molecules," <u>J. Immunol.</u> <u>148</u> :1657-1667, 1992		
<input checked="" type="checkbox"/> BK	Shirai et al., "Helper-Cytotoxic T Lymphocyte (CTL) Determinant Linkage Required for Priming of Anti-HIV CD8+ CTL in Vivo with Peptide Vaccine Constructs," <u>J. Immunol.</u> <u>152</u> :549-556, 1994		
<input checked="" type="checkbox"/> BL	Takahashi et al., "An Immunodominant Epitope of the Human Immunodeficiency Virus Envelope Glycoprotein Gp160 Recognized by Class I Major Histocompatibility Complex Molecule-Restricted Murine Cytotoxic T Lymphocytes," <u>Proc. Natl. Acad. Sci. USA</u> <u>85</u> :3105-3109, 1988		
<input type="checkbox"/> BM	Takahashi et al., "Induction of Broadly Cross-Reactive Cytotoxic T Cells Recognizing an HIV-1 Envelope Determinant," <u>Science</u> <u>255</u> :333-336, 1992		
<input type="checkbox"/> BN	Takeshita et al., "Molecular Analysis of the Same HIV Peptide Functionally Binding to Both a Class I and a Class II MHC Molecule," <u>J. Immunol.</u> <u>154</u> :1973-1986, 1995		
<input type="checkbox"/> BO	Yamamoto et al., "Mutants in the ADP-ribosyltransferase Cleft of Cholera Toxin Lack Diarrheagenicity but retain adjuvanticity," <u>J. Exp. Med.</u> <u>185</u> :1203-1210, 1997		
<input type="checkbox"/> BP	Yamamoto et al., "A nontoxic mutant of cholera toxin elicits Th2-type responses for enhanced mucosal immunity," <u>Proc. Natl. Acad. Sci. USA</u> <u>94</u> :5267-5272, 1997		
EXAMINER <i>J. Stucker</i>		DATE CONSIDERED <i>7/17/02</i>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.